

[METHOD AND SYSTEM FOR MANAGING CARRIER OPERATIONS]

Abstract of Disclosure

The method and system of the present invention use a plurality of timing data to determine a transportation schedule or schedule(s). The transportation schedule or schedules include a series of precise timing windows for pickup and delivery of products moving from suppliers to plants. In addition, the products may move thorough cross docks and other suppliers. Further, the suppliers in the system may belong to different tiers in the supply chain. The schedule(s) are then transmitted to all of the effected parties. If the schedule(s) are not accepted and/or certain scheduling variables change, the schedule(s) may be recalculated and retransmitted.

Figures

APPENDIX A: THE DATA SETS
The data sets used in this study are described in Table A.1. The data sets are divided into two main categories: the training data set and the test data set. The training data set is used to train the model, and the test data set is used to evaluate the model's performance. The data sets are described in detail in the following sections.